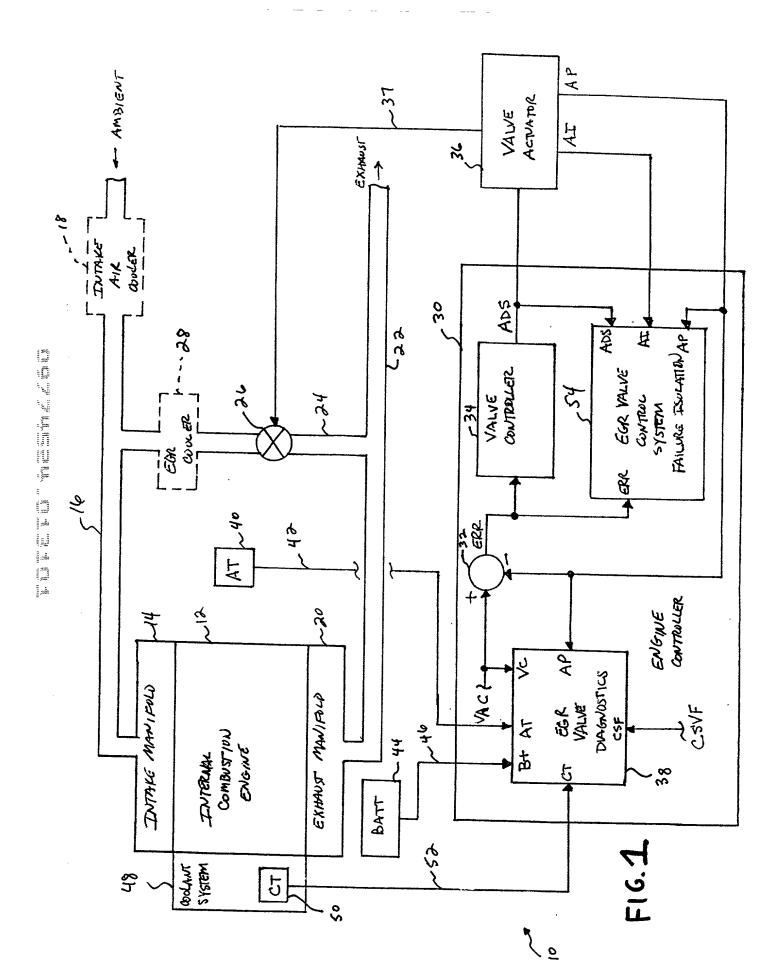
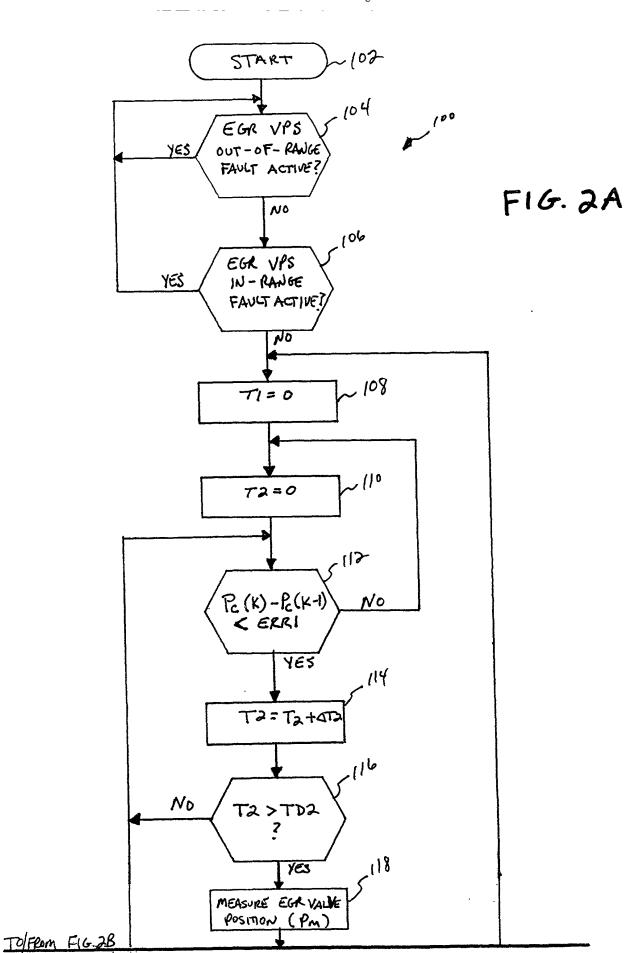
SYSTEM FOR DIAGNOSING EGR VALVE ACTUATOR AND SENSOR RELATED FAILURE CONDITIONS

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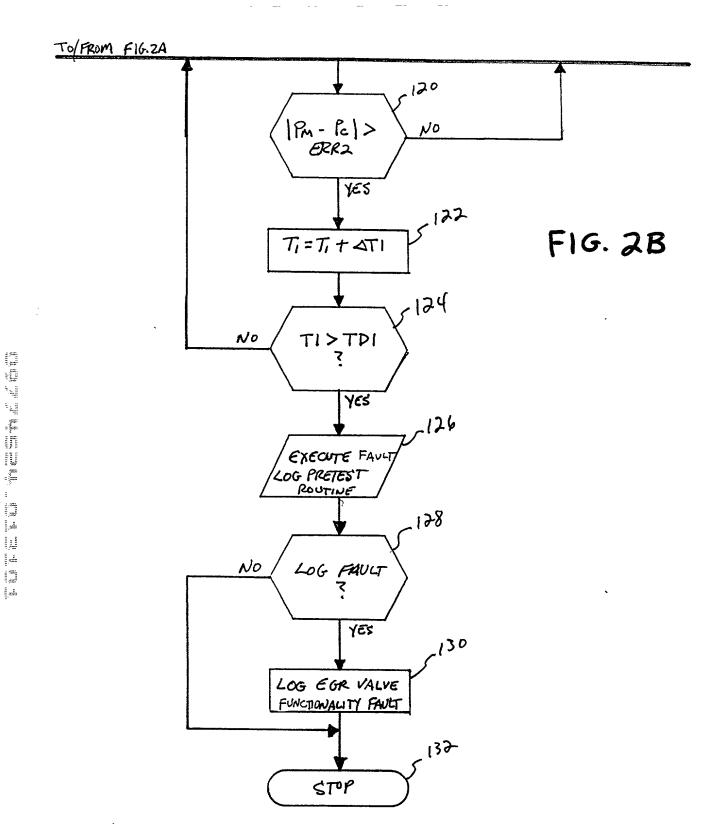
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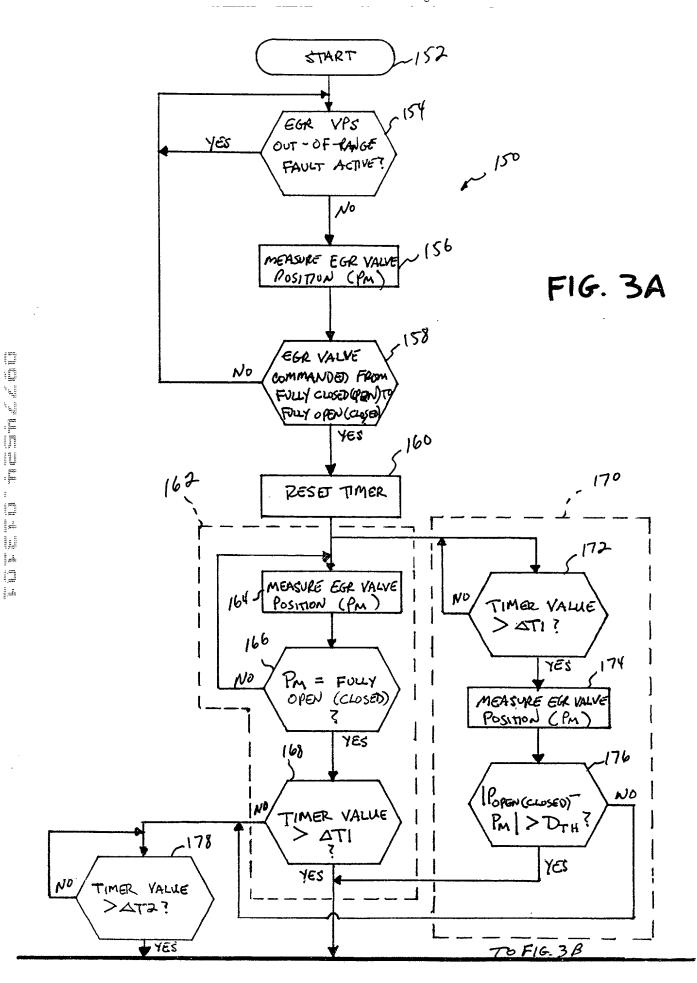
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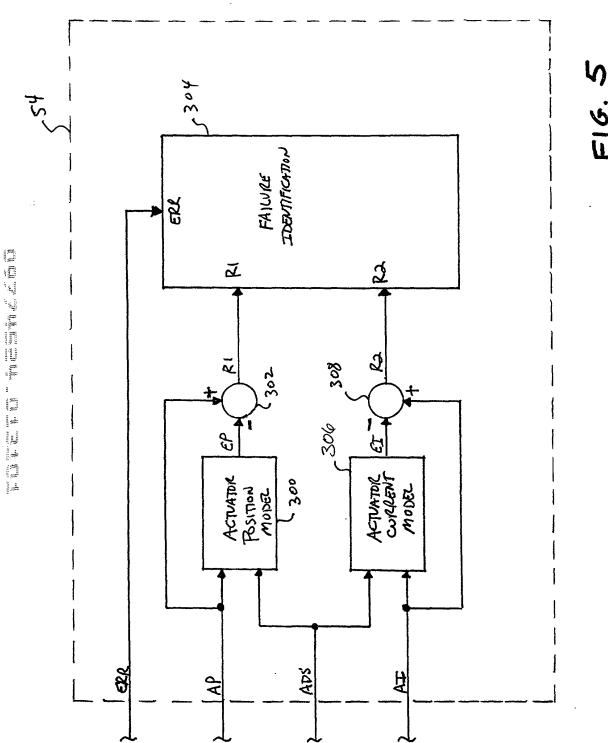


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FRAM FIG. 3A 188 MEASURE EGRUPS VOLTAGE (VPSV) EXECUTE FAULT LOG PRETEST ROSTINE 190 F16.3B VPsv < (>)182 No VTH ? No LOG FAULT ? YES 192 YES EXECUTE FAULT LOG PRETEST ROUTINE LOG EGK RESPONSE 194 TIME FAULT No 406 186 FAULT ? STOP YES 196 START LOG EGR VPS IN-RANGE FAULT YES CSSVS FAULT PRESENT No 206 212 DETERMINE BATTORY VOLTAGE (BV) AT AND CT F16.4 YES SOS < TT# ? NO V1 < BV < V2 218 214 NO LOG FAULT DO NOT LOG , YES FAULT DETERMINE AMBIENT AND COULANT TEMPERATURES -214 RETURN CAT & CT



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